

November 1, 1979

Office of Inspection and Enforcement  
Region I  
Atten: Mr. Boyce H. Grier, Director  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Dear Mr. Grier:

Re: Nine Mile Point Unit 2  
Docket No. 50-410

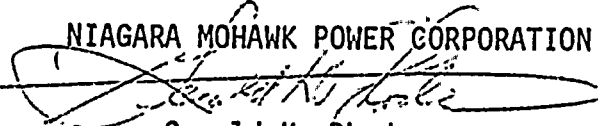
Your September 12, 1979, I.E. Bulletin 79-23 requested information regarding potential failures of emergency diesel generator field exciter transformers at Nine Mile Point Unit 2. The following information responds to your request.

The control power transformer for the Division I and II diesels at Unit 2 is a three phase transformer. It is wye-wye connected to the generator with a floating neutral. The Division III High Pressure Core Spray diesel has a single phase transformer which supplies power to a rotary exciter field. This transformer is connected phase to phase to the generator. Therefore, with these arrangements, there are no common connections between the control power transformers and the generator neutral.

Full load carrying capacity tests in accordance with Nuclear Regulatory Commission Regulatory Guide 1.108, Revision 1 dated August 1977, Section C.2.a.3, will be conducted at Unit 2 during the preoperational tests of the emergency diesel generators. This testing is scheduled to take place during the first half of 1983.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION



Gerald K. Rhode  
Vice President  
System Project Management

GKR:bd

xc: U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Division of Reactor Operations Inspection  
Washington, D.C. 20555

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